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We claim:

- 1. A method for treating HW infections comprising administering a mixture of a reverse transcriptase inhibitor, and/or a protease inhibitor and an integrase inhibitor.
- The method of Claim 1 further comprising administering more than one reverse transcriptase inhibitor and/or more than one protease inhibitor.
 - 3. The method of Claim 1 further comprising administering more than one integrase inhibitor.
 - 4. The method of Claim 2 further comprising administering more than one integrase inhibitor.
 - 5. The method of Claim 1, wherein the integrase inhibitor is selected from a group consisting of chicoric acid 2,3-di(3,4-dihydroxydihydroxydihydrocinnamoyl)-tartaric acid, 2,3-di-(3,4-dihydroxybenzoyl)-tartaric acid, 2,3-di-(3,4-dihydroxybenzoyl)-tartaric acid, 2,3-di-(3,4,5-trihydroxybenzoyl-tartaric acid, 2,3-dicaffeoyldiamidopropionic acid, 1,2,-dicaffeoyl-glyceric acid, bis,-3,4-dicaffeoyldiamidobenzoic acid, di-3,4-dihydroxybenzylidene succinic acid, di-3,4-dihydrodihydroxybenzylidine succinic acid, 2,3-dicaffeoyl-serine, bis-dicaffeoyl-isoserine and 1,4-dicaffeoyl-lysine

- 6. The method of Claim 1, wherein the reverse transcriptase inhibitor is selected from a group consisting of 2',3'-dideoxycytidine, 2',3'-dideoxyinosine and zidovudine.
- 7. The method of Claim 1, wherein the protease inhibitor is

 Nelfinavir.
 - 8. A composition for treating HIV infections comprising a mixture of a reverse transcriptase inhibitor, and/or a protease inhibitor and an integrase inhibitor.
- 9. The composition of Claim 8, wherein the integrase inhibitor is selected from a group consisting of chicoric acid, 2,3-di(3,4-10 dihydroxy-dihydroxydihydrocinnamoyl)-tartaric acid, 2,3-di-(3,4dihydroxybenzoyl)-tartaric 2,3-di-(3,4-dihydroxyphenylacetyl)-tartaric acid, acid. 2,3-di-(3,4,5-trihydroxybenzoyl-tartaric acid, 2.3-1,2,-dicaffeoyl-glyceric dicaffeoyldiamidopropionic acid. acid, dicaffeoyldiamidobenzoic acid, di-3,4-dihydroxybenzylidene succinic acid, di-15 3.4-dihydrodihydroxybenzylidine succinic acid, 2,3-dicaffeoyl-serine, bisdicaffeoyl-isosenne and 1,4-dicaffeoyl-lysine
 - 10. The composition of Claim 8, wherein the reverse transcriptase inhibitor is selected from a group consisting of 2',3'
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 dideoxycytidine, 2',3'-dideoxyinosine and zidovudine.

- 11. The composition of Claim 8, wherein the protease inhibitor is Nelfinavir.
- 12. The composition of Claim 8 further comprising more than one reverse transcriptase inhibitor and/or more than one protease inhibitor.
- 5 13. The composition of Claim 8 further comprising more than one integrase inhibitor.
 - 14. The composition of Claim 12 further comprising more than one integrase inhibitor.
- 15. An integrase inhibitor selected from a group consisting of 2,3-di(3,4-dihydroxy-dihydroxydihydrocinnamoyl)-tartaric 10 acid, 2,3-di-(3,4dihydroxybenzoyl)-tartaric 2,3-di-(3,4-dihydroxyphenylacetyl)-tartaric acid. acid. 2,3-di-(3,4,5-trihydroxybenzoyl-tartaric acid, 2,3dicaffeoyldiamidopropionic / acid 1,2,-dicaffeoyl-glyceric acid, bis,-3,4dicaffeoyldiamidobenzoic açid, di-3,4-dihydroxybenzylidene succinic acid, di-3,4-dihydrodihydroxybenzylidine succinic acid, 2,3-dicaffeoyl-serine, bis-15 dicaffeoyl-isoserine and 1,4-dicaffeoyl-lysine

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An integrase inhibitor having the formula: 16.

$$\begin{array}{c|cccc}
R & & & & \\
I & & & & \\
R_2 & - & C & - & R_1 \\
& & & & (CH_2)n & & \\
R_4 & - & C & - & R_3 \\
& & & & R_5. & & \\
\end{array}$$

wherein n is between 0 and 4:

wherein R2 and R4 are hydrogen

wherein R₁ and R₃ are/selected from the group consisting of hydrogen, OR6, NR6 and aralkyl groups;

wherein Re is

wherein X is a hydrocarbyl group with from 0 to 10 carbon atoms, Y is selected from CH=CH, N=CH, CH=N, O, /S, or NR₇. m is between 0 and 3, and R₈ is selected from the group consisting of hydrogen, hlydroxy, halo, lower alkoxy, alkycarbonyloxy and alkoxycarbonyloxy or a cyclic carbonate group with hydroxy groups on adjacent carbons; and

wherein R and R5 are selected from the group consisting of hydrogen, COOR, and CONHR,

wherein R₇ is selected from the group consisting or hydrogen, alkyl and aralkyl; and

wherein when R and R_5 are COOR₇ and R_7 is hydrogen and R_1 and R_3 are OR₆, then R₆ and R₈ are hydroxy, m is not 2 and X and Y are not CH=CH.

- 17. The integrase inhibitor of Claim 16, wherein R₂ and R₄ combine with each other to form a cycloalkyl ring.
- 18. The integrase inhibitor of Claim 16, wherein R₂ and R₄ are combined with R₁ and R₄, respectively, to form aromatic rings.
- 19. The integrase inhibitor of Claim 18, wherein the aromatic rings are substituted with from one to three substituents selected from OR₆ and NR₆ groups.
- 20. The integrase inhibitor of Claim 16, wherein when R and R₅ are COOR₇ or CONHR₇, and R₁, R₂ and R₃, R₄ combine to form an arylidene group.
 - 21. The integrase inhibitor of Claim 20, wherein the arylidene group is substituted with from 1 to 3 substituents selected from the group consisting of hydroxy, halo, alkoxy, alkycarbonyloxy and alkoxycarbonyloxy.

22. An integrase inhibitor having the formula:

wherein R is 1,4-dicaffeoyl, n is between 0 and 6 and L comprises an amino acid linked by an ester or amide bond.

23. An integrase inhibitor having the formula:

R-(C)_n-C-L-C-(C)_n-R,

wherein R is 1,4-dicaffe byl, n is between 0 and 6 and L comprises a chain of between 1 and 6 carbon atoms.

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